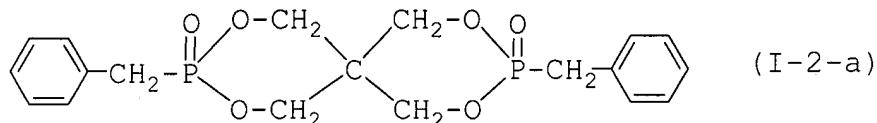


## AMENDMENTS TO THE CLAIMS

**1. (Currently Amended)** A flame retardant resin composition comprising:

(A) 100 parts by weight of a resin component (component a) which substantially comprises a high impact polystyrene having a reduced viscosity  $\eta_{sp}/c$ , of 0.2 to 1.5 dl/g, and

(B) 1 to 50 parts by weight of a phosphorus-containing compound (component b-2) represented by the following formula (I-2-a):



wherein the resin composition can achieve retention of a heat distortion temperature under load (M) represented by the following expression of at least 95%[[.]]

$$M (\%) = (y/x) \times 100$$

wherein x represents a heat distortion temperature under load (°C) of an article molded from the resin component (component a) and y represents a heat distortion temperature under load (°C) of an article molded from a resin composition comprising the resin component (component a) and the phosphorus-containing compound (component b-2), said heat distortion temperature under load measured by a method according to ASTM-D648 by use of a 1/4-inch test piece under a load of 1.81 MPa (18.5 Kgf/cm<sup>2</sup>), and

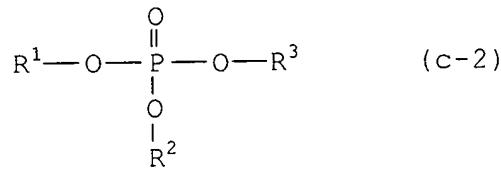
the resin composition can achieve at least a flame retardancy level V-2 in a UL 94 Standard.

**2. (Canceled)**

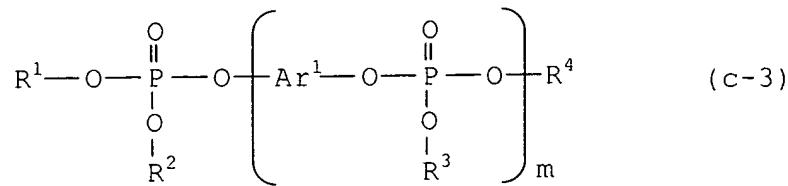
**3. (Currently Amended)** The resin composition of claim 1, which further contains at least one compound (component c) selected from the group consisting of the following compounds (c-1) to (c-5) in an amount of 1 to 100 parts by weight based on 100 parts by weight of the phosphorus-containing compound (component b-2) represented by the general formula (I-2-a)[[.]] ,

(c-1) red phosphorus

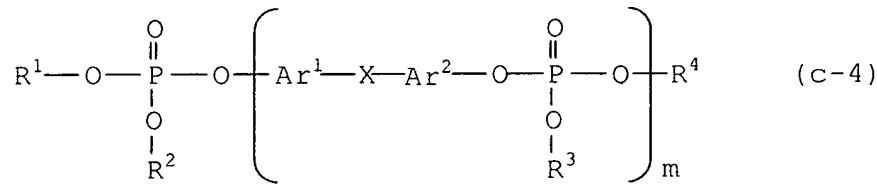
(c-2) triaryl phosphate represented by the following formula (c-2)



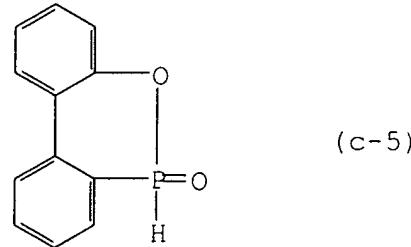
(c-3) condensed phosphate represented by the following formula (c-3)



(c-4) condensed phosphate represented by the following formula (c-4)



(c-5) compound represented by the following formula (c-5)



wherein in the formulae (c-2) to (c-4),  $\text{R}^1$  to  $\text{R}^4$  may be the same or different and represent an aryl group having 6 to 15 carbon atoms which may be substituted by one to five groups selected from an alkyl group having 1 to 12 carbon atoms, an alkoxy group having 1 to 12 carbon atoms, an alkylthio group having 1 to 12 carbon atoms and a group  $-\text{Y}-\text{Ar}^3$  (wherein  $\text{Y}$  represents  $-\text{O}-$ ,  $-\text{S}-$  or an alkylene group having 1 to 8 carbon atoms, and  $\text{Ar}^3$  represents an aryl group having 6 to 15 carbon atoms),  $\text{Ar}^1$  and  $\text{Ar}^2$ , if both are

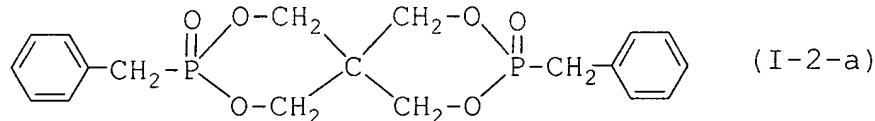
present, may be the same or different and represent an arylene group having 6 to 15 carbon atoms which may be substituted by one to four groups selected from an alkyl group having 1 to 4 carbon atoms, an aralkyl group having 7 to 20 carbon atoms and a group  $-Z-R^5$  (wherein Z represents  $-O-$  or  $-S-$ , and  $R^5$  represents an alkyl group having 1 to 4 carbon atoms or an aryl group having 6 to 15 carbon atoms), X represents a single bond,  $-O-$ ,  $-CO-$ ,  $-S-$ ,  $-SO_2-$  or an alkylene group having 1 to 3 carbon atoms, and m represents an integer of 1 to 5; and two benzene rings in the formula (c-5) each may have one to four substituents selected from the same substituents as those for the aryl groups represented by  $R^1$  to  $R^4$ .

**4. (Original)** The resin composition of claim 1, which further contains dicumyl in an amount of 0.01 to 3 parts by weight based on 100 parts by weight of the resin component (component a).

**5. (Currently Amended)** A flame retardant resin composition comprising:

(A) 100 parts by weight of a resin component (component a) which substantially comprises a high impact polystyrene having a reduced viscosity  $\eta_{sp}/c$ , of 0.2 to 1.5 dl/g,

(B) 1 to 50 parts by weight of a phosphorus-containing compound (component b-2) represented by the following formula (I-2-a):

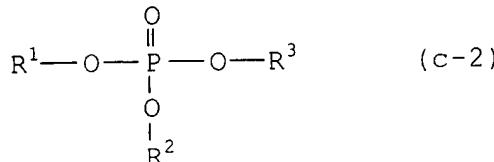


and

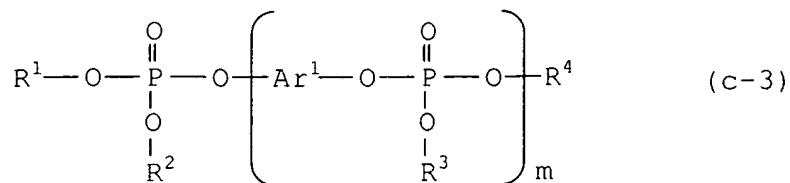
(c) 1 to 100 parts by weight based on 100 parts by weight of the phosphorus-containing compound (component b-2) of at least one compound (component c) selected from the group consisting of the following compounds (c-1) to (c-5):

(c-1) red phosphorus

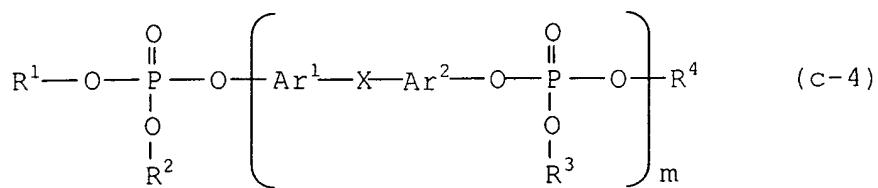
(c-2) triaryl phosphate represented by the following formula (c-2)



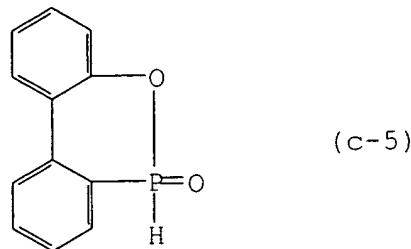
(c-3) condensed phosphate represented by the following formula (c-3)



(c-4) condensed phosphate represented by the following formula (c-4)



(c-5) compound represented by the following formula (c-5)



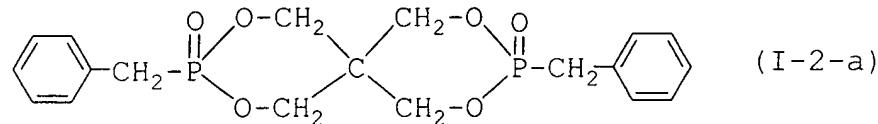
wherein in the formulae (c-2) to (c-4),  $R^1$  to  $R^4$  may be the same or different and represent an aryl group having 6 to 15 carbon atoms which may be substituted by one to five groups selected from an alkyl group having 1 to 12 carbon atoms, an alkoxy group having 1 to 12 carbon atoms, an alkylthio group having 1 to 12 carbon atoms and a group  $-Y-Ar^3$  (wherein Y represents  $-O-$ ,  $-S-$  or an alkylene group having 1 to 8 carbon atoms, and  $Ar^3$  represents an aryl group having 6 to 15 carbon atoms),  $Ar^1$  and  $Ar^2$ , if both are present, may be the same or different and represent an arylene group having 6 to 15 carbon atoms which may be substituted by one to four groups selected from an alkyl group having 1 to 4 carbon atoms, an aralkyl group having 7 to 20 carbon atoms and a group  $-Z-R^5$  (wherein Z represents  $-O-$  or  $-S-$ , and  $R^5$  represents an alkyl group having 1

to 4 carbon atoms or an aryl group having 6 to 15 carbon atoms), X represents a single bond, -O-, -CO-, -S-, -SO<sub>2</sub>- or an alkylene group having 1 to 3 carbon atoms, and m represents an integer of 1 to 5; and two benzene rings in the formula (c-5) each may have one to four substituents selected from the same substituents as those for the aryl groups represented by R<sup>1</sup> to R<sup>4</sup>.

**6. (Currently Amended)** A flame retardant resin composition comprising:

(A) 100 parts by weight of a resin component (component a) which substantially comprises a high impact polystyrene having a reduced viscosity  $\eta_{sp}/c$ , of 0.2 to 1.5 dl/g,

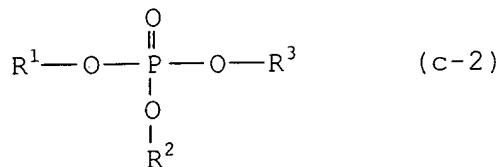
(B) 1 to 50 parts by weight of a phosphorus-containing compound (component b-2) represented by the following formula (I-2-a):



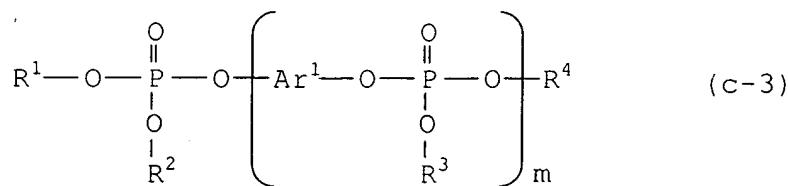
(c) 1 to 100 parts by weight based on 100 parts by weight of the phosphorus-containing compound (component b-2) of at least one compound (component c) selected from the group consisting of the following compounds (c-1) to (c-5):

(c-1) red phosphorus

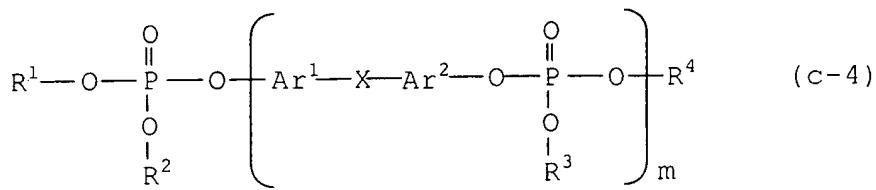
(c-2) triaryl phosphate represented by the following formula (c-2)



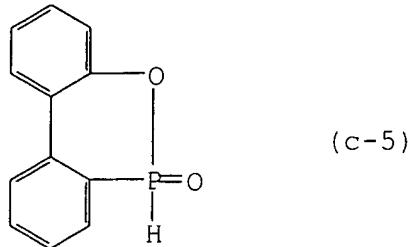
(c-3) condensed phosphate represented by the following formula (c-3)



(c-4) condensed phosphate represented by the following formula (c-4)



(c-5) compound represented by the following formula (c-5)



wherein in the formulae (c-2) to (c-4),  $R^1$  to  $R^4$  may be the same or different and represent an aryl group having 6 to 15 carbon atoms which may be substituted by one to five groups selected from an alkyl group having 1 to 12 carbon atoms, an alkoxy group having 1 to 12 carbon atoms, an alkylthio group having 1 to 12 carbon atoms and a group  $-Y-Ar^3$  (wherein Y represents  $-O-$ ,  $-S-$  or an alkylene group having 1 to 8 carbon atoms, and  $Ar^3$  represents an aryl group having 6 to 15 carbon atoms),  $Ar^1$  and  $Ar^2$ , if both are present, may be the same or different and represent an arylene group having 6 to 15 carbon atoms which may be substituted by one to four groups selected from an alkyl group having 1 to 4 carbon atoms, an aralkyl group having 7 to 20 carbon atoms and a group  $-Z-R^5$  (wherein Z represents  $-O-$  or  $-S-$ , and  $R^5$  represents an alkyl group having 1 to 4 carbon atoms or an aryl group having 6 to 15 carbon atoms), X represents a single bond,  $-O-$ ,  $-CO-$ ,  $-S-$ ,  $-SO_2-$  or an alkylene group having 1 to 3 carbon atoms, and m represents an integer of 1 to 5; and two benzene rings in the formula (c-5) each may have one to four substituents selected from the same substituents as those for the aryl groups represented by  $R^1$  to  $R^4$ , and

(D) 0.01 to 3 parts by weight based on 100 parts by weight of the resin component (component a) of dicumyl (component d).